we energies (6630)

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April 30, 2002

Mr. James D. Loock
Chief Engineer – Electric Division
Public Service Commission of Wisconsin
P. O. Box 7854
Madison, WI 53707-7854

Dear Mr. Loock:

We Energies Annual Reliability Report

Chapter PSC 113.0604 of the Wisconsin Administrative Code requires that electric utilities with 100,000 or more customers annually file with the commission a report summarizing various measures of reliability for the preceding year. Wisconsin Electric Power Company and Wisconsin Gas Company, collectively doing business as We Energies (hereinafter "the Company") herewith submit information responsive to the requirements contained in PSC 113.0604 as well as PSC 1130612.

Satisfaction of Related Reporting Requirements

The information supplied herewith also partially fulfills the requirements of a plan to monitor electric, gas, and steam service quality levels and trends that was developed by the Company in response to PSCW Dockets 9401-YO-100 and 9402-YO-101, Order Point 14, and that was filed with the commission in a letter to Robert Norcross dated October 26, 2000, a copy of which is furnished as Attachment A. The information provided herewith is responsive to items 1 through 9 of the "Electric System Service Quality Reporting" portion of that plan. By separate agreement between the Company and commission staff, item 10, results of customer satisfaction surveys (also required by PSC 113.0609), was filed in January, 2002. Subsequent filings in accordance with PSC 113.0609 will also occur in January of each year. The OSHA performance data required in item 11 was delivered to you in a letter dated February 12, 2001, in compliance with the requirements of PSC 113.0612. No additional electric system data will be supplied in response to Order Point 14.

Much of the information currently required by PSC 113.0604 had been previously required in accordance with the Orders in PSCW Dockets 6630-UR-110 and 6630-UR-106 including, but not limited to:

- 6630-UR-110 ordered monthly reporting of daily performance statistics for Customer Call Centers. Reporting of monthly summary data is now required by PSC 113.0604(3)(c).
- 6630-UR-110 ordered annual reporting of Distribution System Reliability Indices. Reporting of this data is now required by PSC 113.0604(2)(a).

- 6630-UR-106, Order Point 16, and the order in 6630-UR-110 require annual reporting of Distribution Line Miles Rebuilt and Miles of Distribution Line in Service. This data is now required by PSC 113.0604(3)(a) and (b).
- 6630-UR-110, Order Point 98, requires annual reporting of tree trimming work progress and budget. This data is now required by PSC 113.0604(3)(f) and (g).

The Company believes that the information required in PSC 113.0604 meets or exceeds the intent of service quality issues ordered in 6630-UR-110 and 6630-UR-106 and it is therefore appropriate for staff to grant the Company relief from these duplicative reporting requirements by closing out the Order Points cited above.

Responses to PSC 113.0604

PSC 113.0604(2)(a). Provided as Attachment B. (Also responsive to 113.0605(1)).

PSC 113.0604(2)(b) and (c). Provided as Attachment C.

PSC 113.0604(2)(d). Provided as Attachment D.

PSC 113.0604(2)(e). Provided as Attachment E.

PSC 113.0604(2)(f). Provided as Attachment F.

PSC 113.0604(3)(a). Provided as Attachment G.

PSC 113.0604(3)(b). Provided as Attachment H.

PSC 113.0604(3)(c). Provided as Attachment I.

PSC 113.0604(3)(d). Provided as Attachment J.

PSC 113.0604(3)(e). Provided as Attachment K.

PSC 113.0604(3)(f). Total annual tree trimming budget and actual. For year 2001, the annual tree trimming budget was $22,863,228, and the actual expenses were $20,536,415.

PSC 113.0604(3)(g). Total annual projected and actual miles of distribution line tree trimmed. For year 2001 the annual projected miles of distribution line trimmed was 3,804 and the actual miles trimmed was 2,600.

PSC 113.0612. Provided as Attachment L.

Steam System Service Quality

The following steam service interruption data is provided in response to the aforementioned plan submitted by the Company in compliance with 9401-YO-100 and 9402-YO-101, Order Point 14.

Forced and Unplanned Outages with Less Than 24 Hours Notice.

For calendar year 2001, there is only one outage of this nature. On February 5, 2001, at 3:20 a.m., the steam supply from Valley Power Plant to Downtown Milwaukee was lost when both turbine generators and the associated boilers tripped. The interruption was due to an electric ground that took out the control power for the heating system. Steam service was restored at 10:00 a.m. to all critical customers and complete restoration was achieved by 1:00 p.m.

There were no service interruptions that were forced or unplanned for the steam system at the Milwaukee County Grounds in Wauwatosa.

Please note that Gas System Service Quality Data will, for the time being, continue to be reported as it has in the past: individually for WEGO and WGC. The "Gas Distribution System" and "Gas Transmission and Gathering Systems" reports for each company, filed annually with the Office of Pipeline Safety, were provided to the Commission in letters dated March 14, 2002 and March 18, 2002. The final PARM report prepared by Wisconsin Gas Company is furnished herewith and identified as Attachment M. Complete details regarding future gas system reporting may be found in Attachment A.

If you have any questions regarding the information provided in this report, please call Dave Butschli at 414-221-2550.

Sincerely,

Roman A. Draba
Vice President – State Regulatory Affairs

dlb

cc: Mr. Daniel L. Sage – PSCW

Attachments

Response to Commission Order Point 14
Service Quality Reporting

On March 15, 2000, the Public Service Commission of Wisconsin (the "Commission") issued its *Final Decision, Findings of Fact, Conclusions of Law, and Order* (the "Order") in Dockets 9401-YO-100 and 9402-YO-101. Order Point 14 of the Order states that "WEPCO and WGC shall work with Commission staff to develop a workable method to monitor electric, gas, and steam service quality levels and trends. The utilities shall propose a method to the Commission within six months of the effective date of the acquisition."

In accordance with an agreement reached on October 19, 2000, at a meeting attended by Dave Butschli (for Wisconsin Electric Power Company), Tom Collin (for Wisconsin Gas Company), and Messrs. Jim Lepinski and Tom Stemrich (for the Commission's Electric and Natural Gas Divisions), service quality data will be provided as described below.

Electric System Service Quality Reporting. Wisconsin Electric will comply with Order Point 14 in this docket by providing the following information on an annual basis beginning May 1, 2001:

1. Distribution system reliability report based on SAIFI, SAIDI and CAIDI indices.
2. A list of at least 5 percent but no fewer than ten of the Wisconsin Electric's worst performing distribution circuits.
3. Route miles of electric distribution line reconstructed during the preceding year.
4. Total route miles of electric distribution line in service at year's end, by voltage category.
5. Monthly average speed of telephone answer ("ASA") in the same format Wisconsin Electric has been supplying.
6. Average calendar days to install and energize service to a customer site once it is ready to receive service, by month.
7. Escalated complaint summaries, by month and category, in the same format Wisconsin Electric has been supplying in accordance with the order in Docket No. 6630-UR-110.
8. Total annual tree trimming budget and actual expenses.
9. Total annual projected and actual miles of distribution line tree trimmed.
10. Results of customer satisfaction surveys, pending resolution of differences between Commission staff and the industry.
11. Copy of the OSHA Safety Performance Annual Report filed by Wisconsin Electric.

Gas System Service Quality Reporting. Wisconsin Electric Gas Operations ("WEGO") and Wisconsin Gas Company ("WGC") both currently report some service quality data to the PSCW in accordance with chapter PSC 134, federal DOT requirements, and various rate order points, including WGC's Productivity-based Alternative Ratemaking Mechanism ("PARM") reporting requirements.

Because WEGO and WGC have only recently started the task of consolidating their operations, the gas utilities will continue to report in accordance with existing requirements until such time as the two utilities have fully merged their operations and have reconciled their data collection and analysis methods. Consolidated data collection abilities are expected to be in place no later than January 1, 2002, coincident with the final PARM report. Combined gas reporting will begin with data for the 2002 calendar year, to be provided in the May, 2003 annual report.

WEGO and WGC will comply with Order Point 14 by reporting gas service quality measures similar to the electric service quality reporting described above. With one exception, the gas service quality measures use data categories already in place to meet chapter PSC 134, federal DOT, or PARM requirements. The new category, progress in the Copper Riser Replacement Program, will take the place of reporting on replacement of bare steel main because neither WGC nor WEGO have any bare steel or cast iron main remaining on their systems.

The following gas service quality data will be provided by WEGO and WGC, in a consolidated manner:

1. Summary of Interruptions/Failures.
2. Third Party Damages.
3. Copper Riser Replacement Program.
4. Number of Corrosion Leaks on Main Repaired.
5. Total Miles of Distribution Line in service at year's end.
6. Monthly ASA data (incorporated with electric data, above).
7. Percent of New Service Installs Meeting Requested In-Service Date.
8. Escalated complaint summaries, by month and category, in the same format Wisconsin Electric has been supplying in accordance with the order in Docket No. 6630-UR-110 (incorporated with electric data, above).
9. O&M Actual Costs per Mile of Main.
10. Meet federal DOT leak survey and corrosion control requirements.
11. Customer Satisfaction Surveys, pending resolution of differences between Commission staff and the industry.
12. Copy of the OSHA Safety Performance Annual Report filed by the companies.

Steam System Service Quality Reporting. Wisconsin Electric will comply with Order Point 14 by providing an annual summary of forced outages and planned outages with less than 24 hours notice to the customer, beginning on May 1, 2001.

We Energies RELIABILITY INDICES
PER PSC 113.0604 (2)(a)

PSC 113.0604 (2)(a): "An overall assessment of the reliability performance including the aggregate SAIFI, SAIDI, and CAIDI indices by system and each operating area, as applicable."

The attached information is derived from the database of all of We Energies' service territory for 2001 and includes:

- System Performance
- Operating Area Performance

Note: The Iron Range Operating Area includes circuits that are partially or wholly within the upper peninsula of Michigan.

Background on We Energies' Data Collection Efforts

The Interruption Reporting System was developed in the early 1980s as the first mechanism to track distribution system outages. It was retired in 1999 due to issues with Y2k compliance and replaced with the newly developed CADOPS* Outage Reporting System (CORS). Outage information is manually entered in CORS. This entry process is similar to the old Interruption Reporting System. However, unlike the Interruption Reporting System, CORS stands ready to receive automated outage data entry when CADOPS is fully deployed throughout We Energies service territory. CADOPS full deployment is now nearing completion. Planning for the integration of CORS and CADOPS is currently underway. Originally expected to be operational in 2001 or early 2002, it is now expected to have some integration completed in late 2002 or early 2003. When this occurs, it will result in higher levels of data accuracy and integrity. This in turn will impact the reliability indices used to measure system performance.

As in 2000, accurate data capture was stressed again in 2001. However, as with any manually entered data, errors can be made. The results of monthly data cleanup during 2001 revealed few mistakes to rectify when a final database overall error screening took place in January 2002. The total system performance, is based on a "snapshot" in time , this occurred in January 2002 for the 2001 data after the final error screening.

*Computer **A**ided **D**istribution **OP**eration **S**ystem

We Energies RELIABILITY INDICES

PER PSC 113.0604 (2)(a)

YEAR 2001	OPERATING AREA			SYSTEM TOTAL
	Southeastern WI	Fox Valley	Iron Range	
SAIFI	0.73	0.91	0.95	0.76
SAIDI	117	170	115	123
CAIDI	160	186	121	162

We Energies ANNUAL RELIABILITY REPORT- CIRCUIT PERFORMANCE PER PSC 113.0604 (2)(b) and (2)(c)

PSC 113.0604 (2)(b): "A list of the worst-performing circuits based on SAIFI, SAIDI, and CAIDI indexes, for the calendar year. This section of the report shall describe the actions that the utility has taken or will take to remedy the conditions responsible for each listed circuit's unacceptable performance. The action(s) taken or planned should be briefly described. Target dates for corrective action(s) shall be included in the report. When the utility determines that actions on its part are unwarranted, its report shall provide adequate justification for such a conclusion."

PSC 113.0604 (2)(c): "Utilities that use or prefer alternative criteria for measuring individual circuit performance to those described in § PSC 113.0603 and which are required by this section to submit an annual report of reliability data, shall submit their alternative listing of circuits along with the criteria used to rank circuit performance."

We Energies collects outage data and uses SAIFI, SAIDI, and CAIDI to assess circuit performance, however a number of different criteria are utilized to develop a list and rank worst performing distribution circuits. These criteria include SAIFI, SAIDI, customer concerns, and internal feedback and recommendations from Operating, Customer Service, and Area personnel. These criteria are calculated on a fourth quarter through third quarter basis rather than a calendar year basis, in order to allow We Energies personnel to perform field patrols, analysis and a substantial number of field improvements prior to the start of a given year's storm season.

In order to focus improvement efforts on the portions the distribution system that will result in the most benefit to customers, localized outages affecting less than 100 kVA of load, outages to single utilization transformers affecting fewer than 10 customers, and secondary system and service drop outages are removed from the data set through the use of a filter prior to calculating reliability indices. These criteria were used to develop the worst performing circuit list for section 113.0604 (2)(b). In addition, in some years, major events occur that significantly affect the distribution system and can inappropriately bias the list of worst performing circuits if not taken into consideration. For this reason, the duration of the outages (which would unduly bias SAIDI) associated with a Major Storm that began on June 11, 2001 were removed from the outage database prior to creating the worst performing circuit list reported in section 113.0604 (2)(b).

*Reliability Indices are based on filtered data from 10/00 through 9/01
**Circuit included because it is a source for substations supplying lower voltage circuits.

Circuit	Operating Area	Substation	SAIFI*	SAIDI*	CAIDI*	Completion Target Date	Corrective Action
1021	SEW	HARBOR SS	2.00	444	222	Completed (Q1 2002)	Reconfigure feeder to abandon problem cable
1146	SEW	BURLINGTON BULK SS	2.38	255	107	Q3 2002	Reconfigure feeder, relocate reclosers, spot trim trees
1154**	SEW	BURLINGTON BULK SS	0.29	0	0	Completed (Q1 2002)	Add lightning arresters. Spot trim trees. (SAIDI and CAIDI are zero because outage minutes from Major Storm on July 11 are not included)
1673	SEW	RACINE SS	1.86	232	125	Q2 2002	Add fuses, lightning arresters, wildlife protection. Spot trim trees
1682	SEW	RACINE SS	2.22	233	105	Completed (2001)	Replace/Repair cable
1753	SEW	WALNUT SS	2.09	266	127	Completed (Q1 2002)	Add lightning arresters.
2042	SEW	RUBICON SS	4.07	55	14	Completed (2001)	Correct problem with auto changeover
3044	SEW	SAINT MARTINS BULK SS	3.01	132	44	Q2 2002	Add lightning arresters, wildlife protection. Spot trim trees.
3054	SEW	SAINT MARTINS BULK SS	2.10	314	150	Completed (2001)	Replace/Repair cable
3242	SEW	LINCOLN SS	4.00	144	36	Completed (Q1 2002)	Add lightning arresters.
3266	SEW	LINCOLN SS	2.55	96	38	Completed (Q1 2002)	Add fuses, lightning arresters, wildlife protection. Spot trim trees
3282	SEW	LINCOLN SS	2.57	220	85	Q2 2002	Remediation in progress - Replace/straighten poles. Add lightning arresters. Repair/replace hardware.
3485	SEW	GRANVILLE SS	2.00	472	236	Completed (Q1 2002)	Add lightning arresters. Repair/replace hardware.
3753	SEW	BUTLER SS	2.71	317	117	Completed (2001)	Problems addressed through salt spray/pole fire mitigation program in 2001
3961**	SEW	MEQUON SS	0.90	49	54	Completed (Q1 2002)	Add fuses, lightning arresters. Spot trim trees.
4054	SEW	ELKHART LAKE SS	2.38	542	228	Completed (Q1 2002)	Add lightning arresters.
4484	SEW	WHITEWATER SS	3.33	270	81	Completed (2001)	Added lightning protection in late 2001
4541	SEW	NINETY-SIXTH STREET SS	2.02	295	146	Q2 2002	Spot trim trees.
5530	Fox Valley	WHITE LAKE	4.99	269	54	Completed (Q1 2002)	Add reclosers, lightning arresters.
6574	SEW	SUGAR CREEK SS	1.59	397	250	Q2 2002	Add fuses, lightning arresters. Repair/replace hardware. Spot trim trees.
6582	SEW	SUGAR CREEK SS	2.83	278	98	Completed (2001)	Replaced defective lightning arrester.
6683	SEW	JEFFERSON SS	2.08	201	97	Completed (Q1 2002)	Add lightning arresters. Repair/replace hardware. Add autochangeover to substation fed by this feeder
7042	SEW	WAUKESHA SS	2.60	501	193	Completed (2001)	No work required - outages due to dig-ins
7067	SEW	WAUKESHA SS	1.31	249	191	Completed (2001)	Replaced defective lightning arrester. Spot trimmed trees. Installed fault indicators.
7163	SEW	WESTOWN SS	2.00	756	378	Completed (Q1 2002)	Add wildlife protection and replace/repair hardware. Trim trees entire feeder.
7253	SEW	KANSAS SS	3.27	283	86	Q2 2002	Add lightning arresters, wildlife protection. Spot trim trees.
7472	SEW	CAMERON SS	2.85	316	111	Completed (2001)	Feeder reconfigured for load relief and entire feeder had trees trimmed in Fall 2001
8053**	SEW	SAINT LAWRENCE SS	0.20	95	475	Q2 2002	Add lightning arresters.
8061	SEW	SAINT LAWRENCE SS	2.27	199	88	Q2 2002	Add lightning arresters.
8062	SEW	SAINT LAWRENCE SS	3.04	260	85	Q2 2002	Replace/straighten poles. Add lightning arresters. Replace cable.
8161	SEW	HARTLAND SS	1.33	321	241	Q2 2002	Entire feeder scheduled for tree trimming in 2002
8565	SEW	SAINT RITA	3.36	334	100	Q2 2002	Replace/straighten poles. Add lightning arresters, wildlife protection. Replace/repair hardware. Entire feeder scheduled for tree trimming in 2002
8993	SEW	PARIS	1.80	395	220	Q2 2002	Add wildlife protection and replace/repair hardware. Entire feeder scheduled for tree trimming in 2002
9082	SEW	CONCORD	1.87	333	179	2002	Add lightning arresters. Add distribution automation equipment
9084	SEW	CONCORD	2.15	183	85	Q2 2002	Add fuses, recloser

We Energies 2001 W[illegible] Performing Circuits
Per PSC 113.06 [illegible])(b) and (2)(c)

**Reliability Indices are based on filtered data from 10/00 through 9/01*
***Circuit included because it is a source for substations supplying lower voltage circuits.*

Circuit	Operating Area	Substation	SAIFI*	SAIDI*	CAIDI*	Completion Target Date	Corrective Action
9427	SEW	HAYMARKET SQUARE SS	2.50	308	123	Q2 2002	Trim trees entire feeder.
9451	SEW	HAYMARKET SQUARE SS	3.00	389	130	Completed (Q1 2002)	Add fuses, lightning arresters
9782	SEW	BARTON BULK SS	3.00	204	68	Completed (Q1 2002)	Replace/repair cable
9861	SEW	PARKWAY SS	2.18	123	56	Completed (2001)	Add recloser, lightning arresters. Replace/repair hardware.
9993	SEW	ARCADIAN	2.13	208	98	Completed (Q1 2002)	Add fault indicators to reduce restoration time.
10763	SEW	DERBY SS	2.02	1	0	Completed (Q1 2002)	Trim trees entire feeder.
11664	SEW	FIEBRANTZ SS	3.00	240	80	Q2 2002	Add lightning arresters, wildlife protection. Repair/replace hardware.
12162	SEW	WEWAUK SS	1.50	413	275	Completed (Q1 2002)	Spot trim trees.
12462	SEW	SUNNY SLOPE SS	1.58	371	235	Completed (Q1 2002)	Replace/straighten poles. Add fuses. Spot trim trees
13762	SEW	EAGLE SS	1.30	354	273	Completed	No work required - may be impacted by significant project work in the future
14652	SEW	O CONNOR SS	3.23	72	22	Q2 2002	Review in progress
14663	SEW	O CONNOR SS	3.81	348	92	Q2 2002	Add fuses, lightning arresters, wildlife protection. Repair/replace hardware. Spot trim trees
15661	SEW	GILBERT SS	1.06	279	263	Completed (Q1 2002)	Added and upgraded reclosers Q3 2001. Trim trees entire feeder.
15761	SEW	HACKBARTH SS	1.14	204	180	2002	Areas of feeder to be rebuilt
17661	SEW	VIEWPORT SS	2.01	40	20	Q2 2002	Add lightning arresters. Repair/replace hardware. Entire feeder scheduled for tree trimming in 2002
18751	SEW	CALUMET SS	2.16	233	108	Completed (Q1 2002)	Replace/straighten poles. Add lightning arresters, wildlife protection. Repair/replace hardware. Spot trim trees
18761	SEW	CALUMET SS	1.53	267	174	Completed (Q1 2002)	Add fuses.
19561	SEW	GOODRICH SS	1.68	225	134	Q2 2002	Repair/replace hardware. Entire feeder scheduled for tree trimming in 2002
20161	SEW	PLAINFIELD SS	1.74	251	145	Q2 2002	Replace/straighten poles. Add lightning arresters, wildlife protection. Replace/repair hardware. Entire feeder scheduled for tree trimming in 2002
21402	SEW	BRADLEY 8 KV SS	1.80	217	121	Completed (2001)	Add fuses, lightning arresters. Spot trim trees.
22774	SEW	MOORLAND	2.03	125	62	Q2 2002	Add recloser
22798	SEW	MOORLAND	3.00	347	116	Completed (Q2 2002)	Add fault indicators to reduce restoration time.
22851	SEW	DOUGLAS SS	2.09	99	47	Completed (Q1 2002)	Spot trim trees.
27091	SEW	STONEY BROOK	1.57	351	224	Completed (Q2 2002)	Replace/straighten poles. Add fuses, recloser, lightning arresters. Repair/replace hardware.
27862	SEW	NEWBURG SS	1.50	278	186	Completed (Q1 2002)	Add fuses
30962	SEW	SOWAUK SS	4.16	123	30	Completed (Q2 2002)	Add fuses. Spot trim trees
33151	SEW	SPRINGDALE SS	2.01	718	357	Completed (Q1 2002)	Add fuses
33574	SEW	BUTTERNUT BULK SS	1.21	295	245	Q2 2002	Add lightning arresters. Repair/replace hardware. Entire feeder scheduled for tree trimming in 2002. Project planned to rebuild 6 miles of feeder in 2002
33982	SEW	SPRING VALLEY	2.07	31	15	2002	Add lightning arresters, wildlife protection. Entire feeder scheduled for tree trimming in 2002
35854	SEW	WATER SS	1.36	200	147	Completed (Q1 2002)	Add fuses, lightning arresters
35873	SEW	WATER SS	1.88	451	240	Completed (Q1 2002)	Add fuses, lightning arresters. Repair/replace hardware.
36161	SEW	RUGBY SS	1.35	469	349	Completed (Q1 2002)	Add lightning arresters. Spot trim trees

We Energies 2001 W Performing Circuits
Per PSC 113.0(.2)(b) and (2)(c)

**Reliability Indices are based on filtered data from 10/00 through 9/01*
***Circuit included because it is a source for substations supplying lower voltage circuits.*

Circuit	Operating Area	Substation	SAIFI*	SAIDI*	CAIDI*	Completion Target Date	Corrective Action
40588	SEW	FREDONIA	1.39	237	171	2002	Add wildlife protection and replace/repair hardware. Entire feeder scheduled for tree trimming in 2002
42184	SEW	BRANCH	2.43	271	112	Completed (Q1 2002)	Add fuses, lightning arresters, wildlife protection. Spot trim trees
42186	SEW	BRANCH	1.46	615	421	Q2 2002	Add lightning arresters. Repair/replace hardware. Spot trim trees.
42191	SEW	BRANCH	3.63	87	24	Q2 2002	Add fuses, lightning arresters, wildlife protection. Repair/replace hardware. Spot trim trees
42194	SEW	BRANCH	2.12	71	33	Completed (2001)	Replace/Repair cable
45551	SEW	WEST JUNCTION 13.2 KV SS	2.31	164	71	Q2 2002	Add lightning arresters, wildlife protection. Repair/replace hardware. Spot trim trees.
45562	SEW	WEST JUNCTION 13.2 KV SS	1.10	251	228	Q2 2002	Add fuses, lightning arresters, wildlife protection. Entire feeder scheduled for tree trimming in 2002.
46253	SEW	CENTER SS	3.14	61	19	Completed (Q1 2002)	Add fuses.
46261	SEW	CENTER SS	2.87	113	39	Completed (2001)	Add fuses, lightning arresters. Trim trees entire feeder
46263	SEW	CENTER SS	3.02	382	126	Completed (2001)	Feeder spot trimmed in 2001
46264	SEW	CENTER SS	2.32	82	35	Completed (Q1 2002)	Add fuses
47773	SEW	BROOKDALE	2.03	172	85	Completed	Reviewed outages, no work required.
48371	SEW	SHIRLEY SS	1.05	237	225	Q2 2002	Replace/straighten poles. Add lightning arresters. Entire feeder scheduled for tree trimming in 2002
52663	SEW	MALLORY SS	3.08	185	60	Q2 2002	Add lightning arresters. Repair/replace hardware. Spot trim trees.
54784	SEW	ALLERTON	2.00	66	33	Completed (Q1 2002)	Add lightning arresters. Repair/replace hardware. Spot trim trees.
72462	SEW	CHENEQUA SS	2.44	248	102	Completed (2001)	Repair/replace hardware.
76352	SEW	PIKE LAKE SS	0.41	280	683	Q2 2002	Replace/straighten poles. Add fuses. Spot trim trees.
77376	SEW	MUKWONAGO	4.51	587	130	Completed (Q1 2002)	Add lightning arresters.
77377	SEW	MUKWONAGO	1.98	241	122	Completed	No work required - most outage duration due to a single cable failure which was repaired.
77389	SEW	MUKWONAGO	2.89	523	181	Completed (Q2 2002)	Add lightning arresters. Trim trees entire feeder.
77874**	SEW	ROOT RIVER	0.61	62	102	Q2 2002	Add lightning arresters. Spot trim trees
82877	SEW	COTTONWOOD	3.89	511	131	Completed (Q1 2002)	Repair/replace hardware.
ELL3	Fox Valley	ELLINGTON SS	2.44	334	137	Q2 2002	Add fuses, lightning arresters. Repair/replace hardware.
GRS2	Iron Range	GREENSTONE SS	3.73	558	150	Completed	No work required - outages due to transmission
GRS3	Iron Range	GREENSTONE SS	2.08	418	201	Completed	No work required - outages due to transmission
JCT5	Fox Valley	JUNCTION SS	4.63	440	95	Completed (2001)	Feeder reconfigured and substation rebuilt
RDF2	Fox Valley	READFIELD SS	1.40	205	146	Q2 2002	Add lightning arresters. Repair/replace hardware.
RYL2	Fox Valley	ROYALTON SS	2.18	172	79	Q2 2002	Add lightning arresters. Repair/replace hardware.
WCL2	Fox Valley	WHITE CLAY SS	2.03	147	72	Q2 2002	Add lightning arresters. Repair/replace hardware.
ZCH2	Fox Valley	ZACHOW SS	2.17	250	115	Q2 2002	Add lightning arresters. Repair/replace hardware.

We Energies ANNUAL RELIABILITY REPORT- PRIOR YEARS' ACCOMPLISHMENTS PER PSC 113.0604 (2)(d)

PSC 113.0604 (2)(d): "A report on the accomplishment of the improvements proposed in prior reports for which completion has not been previously reported."

The attached report describes the accomplishment of the improvements/corrective actions that were performed on the circuits listed last year per PSC 113.0604 (2)(b) that were not previously reported as complete.

Reliability Indices are based on filtered data from 10/99 through 9/00

Circuit	Operating Area	Substation	SAIFI*	SAIDI*	CAIDI*	Completion Target Date	Accomplishments/Corrective Action
1673	SEW	Racine	2.30	239	104	Completed Q4 2001	Added lightning arresters
2695	SEW	Germantown	2.01	188	93	Completed Q2 2001	Added lightning arresters
2696	SEW	Germantown	2.10	139	66	Completed Q4 2001	Replaced poles; added lightning arresters; repaired/replaced hardware; trimmed trees entire feeder
2697	SEW	Germantown	3.03	205	68	Completed Q3 2001	Replaced poles; added recloser; spot trimmed trees
3046	SEW	Saint Martins	1.18	303	256	Completed Q2 2001	Added lightning arresters; trimmed trees entire feeder
3054	SEW	Saint Martins	3.10	480	155	Completed Q4 2001	Thermoscanned and repaired padmounted equipment; trimmed trees entire feeder
3254	SEW	Lincoln	3.00	142	47	Completed Q2 2001	No work required - outages due to customer substation
3287	SEW	Lincoln	2.00	236	118	Completed Q4 2001	No work required - feeder patrolled, determined OK
3652	SEW	Cornell	2.71	436	160	Completed Q2 2001	No work required - reviewed and corrected outage data, indices below threshold
3954	SEW	Mequon	3.00	187	62	Completed Q2 2001	No work required - reviewed and corrected outage data, indices below threshold
3956	SEW	Mequon	1.19	230	194	Completed Q4 2001	Spot trimmed trees.
4474	SEW	Whitewater	3.36	248	74	Completed Q2 2001	No work required - reviewed and corrected outage data, indices below threshold
4484	SEW	Whitewater	3.42	357	104	Completed Q4 2001	Added lightning arresters; installed autochangeover at substation fed by feeder
4541	SEW	96th Street	2.01	91	45	Completed Q2 2001	Review determined no work required due to lightning arresters, wildlife protection installed in late 2000
4558	SEW	96th Street	1.74	214	123	Completed Q3 2001	Repaired/replaced hardware
6452	SEW	Summit	3.40	382	112	Completed Q2 2001	Added recloser; spot trimmed trees
7472	SEW	Cameron	3.03	215	71	Completed Q4 2001	Repaired/replaced hardware; spot trimmed trees
8062	SEW	Saint Lawrence	1.88	241	128	Completed Q4 2001	Replaced 0.7 miles of cable
8355	SEW	Fort Atkinson	1.53	259	169	Completed Q4 2001	Added lightning arresters; spot trimmed trees
8556	SEW	Saint Rita	1.34	333	249	Completed Q2 2001	No work required - reviewed and corrected outage data, indices below threshold
8565	SEW	Saint Rita	2.20	91	41	Completed Q4 2001	Added lightning arresters
8992	SEW	Paris	1.34	330	247	Completed Q4 2001	Added lightning arresters, wildlife protection; repaired/replaced hardware; spot trimmed trees
9376	SEW	Kenosha	2.34	173	74	Completed Q4 2001	Repaired/replaced hardware; spot trimmed trees
14661	SEW	O Connor	1.61	355	221	Completed Q4 2001	Added fuses; trimmed trees entire feeder
16273	SEW	65th Street	2.10	189	90	Completed Q1 2002	Added lightning arresters; repaired/replaced hardware; spot trimmed trees
18051	SEW	College	2.13	138	65	Completed Q4 2001	Added fuses, wildlife protection; repaired/replaced hardware
19951	SEW	Caledonia	2.32	106	46	Completed Q4 2001	Added lightning arresters; spot trimmed trees
20261	SEW	Teutonia	3.25	206	63	Completed Q2 2001	Trimmed trees entire feeder; portions converted to 24.9 kV
21492	SEW	Bradley	3.00	421	140	Completed Q1 2002	Added fuses, lightning arresters. Repaired/replaced hardware
22362	SEW	Glendale	2.01	67	34	Completed Q4 2001	Trimmed trees entire feeder
22786	SEW	Moorland	3.16	185	59	Completed Q2 2001	Cable problems identified and repaired
25164	SEW	Sunnyside	3.14	167	53	Completed Q4 2001	Trimmed trees entire feeder
28783	SEW	Little Prairie	1.38	219	158	Completed Q2 2001	No work required - performance is adequate
32061	SEW	Prospect	2.92	273	93	Completed Q2 2001	Added lightning arresters; repaired/replaced hardware, poles
32361	SEW	Marcy	1.19	321	270	Completed Q2 2001	Trimmed trees entire feeder
33573	SEW	Butternut	3.14	465	148	Completed Q4 2001	Added fuses, lightning arresters; repaired/replaced hardware, poles
42194	SEW	Branch	3.08	228	74	Completed Q4 2001	Added recloser
46263	SEW	Center	3.53	114	32	Completed Q4 2001	Trimmed trees entire feeder

We Energies 2000 Worst Pe ning Circuits - 2001 Update

Per PSC 1. 604 (2)(d)

**Reliability Indices are based on filtered data from 10/99 through 9/00*

Circuit	Operating Area	Substation	SAIFI*	SAIDI*	CAIDI*	Completion Target Date	Accomplishments/Corrective Action
47773	SEW	Brookdale	4.48	426	95	Completed Q4 2001	Added lightning arresters; repaired/replaced hardware; spot trimmed trees
54792	SEW	Allerton	2.03	180	88	Completed Q4 2001	Added ligthning arresters; spot trimmed trees
73574	SEW	68th Street	2.75	383	139	Completed Q4 2001	Fault indicators installed
77389	SEW	Mukwonago	2.62	143	55	Completed Q4 2001	Added lightning arresters
BDM2	FV	Butte des Morts	1.23	249	203	Completed Q2 2001	Trimmed trees entire feeder
FRT1	FV	Fremont	2.54	177	69	Completed Q3 2001	Added lightning arresters
FRT2	FV	Fremont	2.09	164	78	Completed Q3 2001	Added lightning arresters
RDF1	FV	Readfield	2.15	99	46	Completed Q3 2001	Added lightning arresters

Attachment E

We Energies ANNUAL RELIABILITY REPORT- NEW RELIABILITY PROGRAMS PER PSC 113.0604 (2)(e)

PSC 113.0604 (2)(e): "A description of any new reliability or power quality programs and changes that are made to existing programs"

In addition to the program to address the worst performing circuits as described in PSC 133.0604 sections (2)(b) and (2)(c), the following reliability programs were undertaken in 2001:

- Circuits that were addressed as part of previous years' worst performing circuit programs, and did not improve to acceptable levels of performance were reexamined and addressed as part of the 2002 worst performing circuit program.
- Continued the process to address localized reliability problems based on customer input , resulted in over 285 field remediations.
- Continued efforts to assure that the distribution system is placed back into its normal operating configuration as soon as possible following switching due to construction, maintenance, or equipment failures.
- Developed enhanced feeder patrol guidelines and remediation options for weather hardening, and animal abatement.
- Use enhanced lightning protection techniques developed in 2000 and apply them to lightning-susceptible feeders as part of the 2002 worst performing circuit program.
- Continued efforts to reduce the number of dig-in related outages.
- Summarized recloser and breaker operations count program results relating to momentary interruptions for use with 2002 remediation efforts.
- Rolled out new Outage Management System process to improve customer restoration.
- Participated in Predictive Reliability Feeder Modeling efforts to quantify the effects of remediation practices.
- Reviewed past reliability programs to quantify their success.

STATUS OF We Energies LONG RANGE DISTRIBUTION PLANS
PSC 113.0604(2)(f)

PSC 113.0604(2)(f): "A status report of any long range electric distribution plans."

4kV: Serves various areas throughout the service territory but is primarily located within the Milwaukee County and Appleton/Neenah areas. Plans for this system include eventual elimination through gradual conversion to 12kV, 13kV, and 25kV voltage levels. Periodic reviews of remaining facilities are made to determine the order of retirement and to schedule appropriate construction projects.

8kV: Serves residential and small commercial customers in the southeast Wisconsin area. Plans for this system include continued management of load growth through targeted conversion to the 25 kV voltage level. In general, no major expansion of the 8kV system is planned. A high level review of the 8kV system was completed in 2000. Priorities for targeted system renewal and conversion/retirement have been identified for the 2001-2020 time period.

12kV: The current and future voltage level for service to residential, commercial, and light industrial customers in the Fox Valley area. New capacity will be added as needed to provide for new load, retirement of aging facilities, and conversion of 4kV substations and feeders. Annual reviews of the capacity needs for this system are performed to schedule appropriate construction projects.

13kV: The current and future voltage level for service to residential, commercial, and light industrial customers in eastern Milwaukee County and the area in and around Iron Mountain, Michigan. A portion of this system operates as a subtransmission system. New capacity will be added as needed to provide for new load and conversion of 4kV substations and feeders. Annual reviews of the capacity needs for this system are performed to schedule appropriate construction projects.

25kV: The current and future voltage level for service to all classes of customers in the southeast Wisconsin and the Michigan service areas. New capacity will be added as needed to provide for new load, reduction of line exposure reliability concerns, and conversion of lower voltage substations and feeders. Annual reviews of the capacity needs for this system are performed to schedule appropriate construction projects.

26kV: This subtransmission system serves large commercial and industrial customers and lower voltage distribution substations in the Milwaukee and Racine/Kenosha areas. A high level plan for conversion from 26kV to 25kV was developed in 2000. Conversion projects will be scheduled as needed to provide 25kV availability for relief of 8kV substations and feeders.

35kV: This subtransmission system is the current and future voltage level serving large industrial customers and lower voltage distribution substations in the Fox Valley area. New capacity will be added as needed to provide for new load and retirement of aging facilities. Annual reviews of the capacity needs for this system are performed to schedule appropriate construction projects.

We Energies ROUTE MILES OF ELECTRIC DISTRIBUTION REBUILT DURING 2001 PSC 113.0604(3)(a)

PSC 113.0604(3)(a): "Route miles of electric distribution line reconstructed during the year. Separate totals for single-and three-phase circuits shall be provided."

	Miles of Line		
	Projects	Annual Orders*	Total
Single Phase	255	51	306
Three Phase	323	64	387
Total	578	115	693

* Data on miles of lines rebuilt is not available for work performed under annual orders. Number of man-hours and total costs expended on annual orders approximate spending on Projects. It is assumed that labor productivity is lower on annual orders due to increased travel time and increased equipment set up time. A significant portion of annual orders is for new services rather than line rebuild. An estimate for miles of line rebuilt on the annual orders is approximately 20% of the special project work.

We Energies DISTRIBUTION LINE IN SERVICE
PSC 113.0604(3)(b)

PSC 113.0604(3)(b): "Total route miles of electric distribution line in service at year's end, segregated by voltage level."

Total route miles:

Voltage Level	Miles
2.4kV	3
4 kV	1,017
6.9kV	95
8.3kV	13,163
12.4kV	3,962
13.2kV	1,385
13.8kV	598
24.9kV	7,084
26.4kV	520
34.5kV	438
Primary Voltage	28,262
Secondary Voltage	24,072
Grand Total	**52,337**

2001 PSCW Report

Customer Contact Centers - Daily Performance Statistics

Total Wisconsin Electric*	Jan.	Feb.	Mar.
Total Customer Inbound Calls			
Offered	153837	140276	147374
Abandoned	4,963	5228	2304
Handled	148874	135048	145070
Average Wait (sec.) - All Calls	37	36	15
Average Wait (sec.) - Rep Calls	43	42	17
Number of Emergency Calls	711	1122	690
Average Wait (sec.) - Emergency Calls	11	26	13

	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Total WE Customer Inbound Calls*									
IVR									
Handled	13,625	12,644	14,784	12,878	11,125	18,442	20,609	23,751	20,538
Average Wait in Seconds	0	0	0	0	0	0	0	0	0
Total Queuing Time (in seconds)**	0	0	0	0	0	0	0	0	0
Live#									
Handled	158,956	146,922	142,378	182,273	216,029	182,398	205,240	147,453	117,830
Average Wait in Seconds	72	48	65	114	78	64	57	26	35
tal Queuing Time (in seconds)	11,437,822	7,017,206	9,238,783	20,846,989	16,812,819	11,731,266	11,750,335	3,893,244	4,084,304
Non-Emergency Outage Calls									
IVR									
Handled	11,485	5,272	28,882	16,129	21,475	13,550	10,620	6,508	5,139
Average Wait in Seconds	0	0	0	0	0	0	0	0	0
Total Queuing Time (in seconds)**	0	0	0	0	0	0	0	0	0
Live									
Handled	10,495	6,192	15,570	8,466	9,737	6,284	7,603	3,826	3,475
Average Wait in Seconds	70	31	70	74	148	87	33	54	27
Total Queuing Time (in seconds)	734,834	189,780	1,093,977	627,095	1,444,832	547,709	248,200	206,949	94,511
Emergency Calls Only									
No IVR Emergency Applications									
Live									
Handled	3,089	1,010	6,542	1,885	3,115	1,550	1,811	979	776
Average Wait in Seconds	17	14	118##	29	60	32	18	9	9
Total Queuing Time (in seconds)	51,261	14,412	773,422	55,389	187,298	50,343	33,009	8,844	6,599
Total WE/WG Calls									
IVR									
Handled	25,110	17,916	43,666	29,007	32,600	31,992	31,229	30,259	25,677
Average Wait in Seconds	0	0	0	0	0	0	0	0	0
Total Queuing Time (in seconds)**	0	0	0	0	0	0	0	0	0
Live									
Handled	172,540	154,124	164,490	192,624	228,881	190,232	214,654	152,258	122,081
Average Wait in Seconds	74	47	67	94	81	67	58	20	27
Total Queuing Time (in seconds)	12,801,451	7,178,389	11,008,029	18,159,753	18,500,595	12,682,623	12,376,220	3,036,974	3,272,960

*Includes all call types except Non-Emergency Outage & Emergency calls

**sume no queuing time for calls handled by automated systems.

es WICOR data, effective 7/15/01

Note: In April, 2001 the Company changed the format of this report to provide greater detail in monthly reports to the Commission. This worksheet reflects that change.

This performance includes a large storm which occurred June 11-13, 2001. During this period, we handled 4,581emergency calls and the average wait was 158 seconds. For days outside this period, the average emergency call wait time was 29 seconds.

Attachment J

We Energies
PSCW 113
New Service Installation Report - 2001

Year	Month	Number	Total Days	Average
2001	Jan	691	7,403	10.7
	Feb	591	6,738	11.4
	Mar	658	7,184	10.9
	Apr	618	7,316	11.8
	May	832	11,021	13.2
	Jun	850	11,102	13.1
	Jul	1021	13,982	13.7
	Aug	1140	15,135	13.3
	Sep	937	12,301	13.1
	Oct	1146	14,549	12.7
	Nov	1085	15,034	13.9
	Dec	859	11,225	13.1
Total		10428	132,990	12.8

Attachment K

2001
Escalated Complaints

	Billing				Credit/Collection				Other	Outages/ Power Quality	Property Damage*	Grand Total
	Elec	Gas	Comb	Total	Elec	Gas	Comb	Total				
Jan	39	11	10	60	4	1	7	12	6	0	67	145
Feb	27	15	8	50	11	0	4	15	7	0	46	118
Mar	25	4	6	35	14	3	11	28	7	0	70	140
April	32	9	4	45	160	4	72	236	8	3	102	394
May	52	10	14	76	95	7	43	145	11	0	73	305
June	32	4	14	50	72	2	27	101	16	5	167	339
July	23	14	13	50	44	12	22	78	18	5	111	262
Aug	23	13	40	76	32	7	59	98	13	6	110	303
Sept	19	12	34	65	29	7	76	112	8	0	62	247
Oct	7	6	31	44	20	16	121	157	8	1	79	289
Nov	17	3	25	45	5	17	36	58	3	1	46	153
Dec	6	6	24	36	1	3	18	22	1	0	50	109
	302	107	223	632	487	79	496	1062	106	21	983	2804

* This constitutes all property damage claims.

Attachment L

We Energies OSHA Data

	OSHA Incident Rate	Lost Time Case Rate
2001 WE	4.0	1.0
3-yr. Avg. WE	5.4	1.1
2001 WG	10.3	2.4
3-yr. Avg. WE	5.2	1.8

WISCONSIN GAS COMPANY

Productivity-based Alternative Ratemaking Mechanism (PARM)
Reopener/Success Measure Status Report
Calendar Year 2001

Reopeners

#	Description	Responsibility	Report Trigger	Possible Reopen	Status	Comments
1	Leak Response Time-SE (nine month rolling average) Leak Response Time-District (nine month rolling average) Leak Response Time-FV (nine month rolling average)	Kuchler Kraft Route	19 27 27	21 31 31	**17.1min*** **21.7 min** **20.8 min**	
2	Corrosion Leaks on main - annual	Kuchler/Kraft	68	77	**10**	YTD
3	Leaks Caused by third party damage - annual	Bentley	430	475	**583***	YTD Claims
7	Interest Rates - 30 year Treasury Bond	Beisiegel	N/A	LT 4.9% GT 8.9%	**5.49%**	Dec 31 01 Inet Finance

***Comments**

#1) The Leak Response Times above are combined (above and below ground) response times. See also Information Item #1 on page 4, reporting Underground Leak response times. FV was part of the Districts in 2000 and is now under the jurisdiction of another manager.

#3) A plan to decrease third party damage leaks has been in place since 1996. **Third Party Damage Leaks per 1,000 Locates were 6.1 in 1995, 5.1 in 1996, 3.4 in 1997, 3.1 in 1998, 3.6 in 1999, 3.4 in 2000 and 2.9 in 2001.**

Success Measures

#	Description	Responsibility	Target	Status	Comment
2	Customers receiving service by due date	Kuchler/Kraft	90%	**97.4%**	YTD
3	Reliability outages impacting at least 10 firm customers	Kuchler/Kraft	3*	**2**	YTD
4	Complaints received by PSCW (annual)	Mastoris	383	**563***	YTD
6	Injuries and lost work days per 100 employees (annual)	Wilcox	8.3 38.9	**7.9** **31.9**	Injuries Lost work days
7	Non-employee claims filed against WGC (annual)	Bentley	182.4	**71**	YTD
11	Change in average margin rates (residential, small & large commercial) - Compare 12 month rolling average to 10/94 base.	Schoening	Lowest or 2nd lowest % change	**Residential 2nd ; Small Com lowest; Large Com lowest***	Compare to WEGO, WP&L, MG&E, NSP
12	Change in average total rates (residential, small & large commercial) - Compare 12 month rolling average to 10/94 base.	Schoening	Lowest or 2nd lowest % change	**Residential, Small Com & Large Com lowest***	Compare to WEGO, WP&L MG&E, NSP
13	Total O&M per customer, excluding purchased gas - 12 month rolling average	Beisiegel	$226.43	**$148.13***	
14	Net write-offs as a percentage of revenue	Moylan	2.55%	**2.1643%**	YTD
15	Equity as a percentage of total capital - 13 month average	Beisiegel	48.43%	**45.02%**	
16	Return on Common Stock Equity	Beisiegel	11.8%	**7.03%**	

***Comments**

#3) Target is based on 1995 experience.

There were 342 Wisconsin Gas complaints from 1 Jan to 14 Jul 2001. From 15 Jul through 31 Dec 2001, it is estimated that there were approximately an additional 184 complaints from WG customers. This number is an estimate due to the combining of WG and WE accounts on 15 Jul 2001 and the inability to clearly determine the exact nature of each complaint., i..e. the gas or electric portion of the bill, since most complaints are credit related and the customers accounts are now managed as combined energy accounts. The additional 184 complaints were based on applying the percentage of the customer base (27%) which is from the WG territory to the total complaints received. The total numbers are higher for 2001 primarily due to combining the WG and WE accounts.

WISCONSIN GAS COMPANY

Productivity-based Alternative Ratemaking Mechanism (PARM)
Reopener/Success Measure Status Report
Calendar Year 2001

#6) See information item #20, page 3.

#11 & #12) Rankings measure relative change in margin rates and total rates to customers from October 1994 to present when compared with four other gas utilities in Wisconsin.

#13) This amount has been adjusted to eliminate impact of purchase accounting entries.

#15) This amount has been adjusted to eliminate impact of purchase accounting entries.

#16) This amount has been adjusted to eliminate impact of purchase accounting entries. Weather normalized return on common stock equity. The actual return is **6.38%.**

Other Reopeners and Success Measures

Reopeners

(4) DOT Pipeline Safety Code Compliance - **No serious or repeated violation in 2001.**

(5) The non- low income DSM funds were transferred to DOA for calendar year 2001.

Success Measures

(2A) Customer Satisfaction Scores

	Baseline	1994	1995	1996	1997	1998	1999	2000	**2001**
Reasonable Rates	71	70	67	60	72	71	79	66	**60**
Concern for Average Customer	74	78	78	80	81	81	86	80	**72**
Customer Communication	75	75	81	81	83	83	86	80	**76**

Lower scores in 2001 due to the price of natural gas in the 2000-2001 heating season.

(5) Service Center Access (report changes)

As of the beginning of 1998, all offices in the Districts and the Southeast have been closed.

New Customer Services:
As of July 15, 2001, Wisconsin Gas began using the Wisconsin Electric CSS system for customers energy accounts. Chief among the changes was the introduction of the combined gas and electric bill.

(8) Bare Steel Replacement Program: **As of June 30, 1999, all remaining sections of bare steel main have been replaced.**

(9) Annual maintenance expense per mile of main (historical $322.83) - **$271.06 (four quarter rolling average)**
Historical figure is based on pre-PARM 3 year average.

(10) Date and amount of margin rate changes. There were no margin rate changes in 2001.

	Total 1995 -97	August 1, 1998	Total 1995 - 2000
Residential (GS-1)	$(.0150)	$.0137	$ (.0013)
Commercial (CGS-1)	$(.0024)	$.0019	$(.0005)
All other rate classes	$(.0015)	$.0010	$(.0005)
Estimated annual impact	($8.4 million)	$7.4 million	($1 million)

WISCONSIN GAS COMPANY

Productivity-based Alternative Ratemaking Mechanism (PARM)
Reopener/Success Measure Status Report
Calendar Year 2001

Information Items

#	Description	Responsibility	Report Trigger	Possible Reopen	**Status**	Comments
(1)	Underground Leak Response Time - SE	Kuchler	20.5	22.5	**18.4**	Year End
	Underground Leak Response Time - District	Kraft	20.5	22.5	**22.1**	Year End
	Underground Leak Response Time - FV	Route	20.5	22.5	**19.8**	Year End

(20)	Full Time Equivalent Employees End of December	Southeast Field	**208.0**
		Southeast Clerical	**286.0**
		Southeast Management	**312.5**
		District Hourly	**128.4**
		District Management	**27.0**
		Total	**961.9**

Other PARM Reports and Requirements	**Status**
Annual Summary of Uncollectible Escrow Activity by Month	Filed separately for 2001 by Regulatory Dept.
PSC Review of Depreciation Study Prior to November 1997	Study submitted timely in Docket No. 6650-DG-102. **New depreciation rates are now in effect.**